DART AEROSPACE LTD	Work Order:	15989
	•	
Description: Crosstube Extrusion (407 fwd)	Part Number:	D6010-115
<i>y</i>		
Drawing: D6010 Rev. A	Qty:	20

Step	Location	Procedure	Ву	Date	qty
1	EXPEDITING	Open W/O	SM	01211	20
2	PURCHASING	Issue P/O:			20
		f) Material certification required	M	21-12-14	100
3	RECEIVING	Receive and Inspect for transit damage Ensure Material certification is attached	H	020124	22
4	QC	Inspect Level 6 Ensure Material certification comply to Dwg	Fu	52.07.02	14
5	FINISHING	Chemical conversion coat as per QSI 005 4.1	900	02.0752	14
6	STORES	Identify and Stock	6	02-07-03	14
7	EXPEDITING	Close W/O 360.34 (M) 00/07/04 (14)	(M)	02/07/04	

 Rev
 Date
 Change
 Revised By
 Approved

 A
 01.08.17
 New Issue
 SM

RELEASE

127.36

22.5 165 e 25/35/101 20 pcs
5 00 155 = 20 pcs
(12)?

Dart Aerospace Ltd

Work Order:	-	WORK ORDER O	HANGES	**************************************			
DATE	STEP	PROCEDURE CHANGE	E	By Date	Qty	Approval Manuf / Design Mgr	Approval QC Inspector
			•				

NCR		WORK ORDER NON-CONFORMANCE						
DATE	STEP	Description of NC section A	Intial	Corrective Action Section B	Sign & Date	Verification Section C	Approval Design Mgr	Approval QC Inspector
:							<u> </u>	
					-			
						٠.		

PAR#:	Fault Category:	DQA:	Date:
	-	* _{**}	

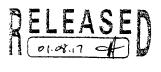
NOTE: Date & initial all entries H:Admin-QA\ISO\forms\w/oncB.doc

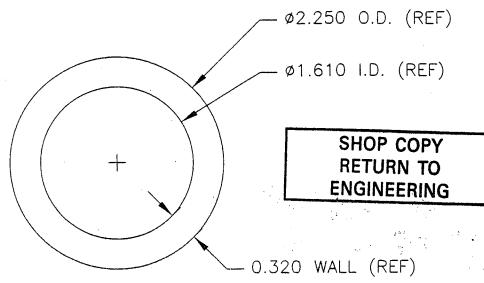
QA: N/C Closed: ____ Date: ____



		and the second s			
DESI	GN H	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CANAD		
CHE	CKED	APPROVED	DRAWING NO.		REV. A
	#	#	D6010	SHEET	1 OF 1
DATE			TITLE		SCALE
01	.08.16 ·		CROSSTUBE MATERIAL		1:
Α		01.08.16	NEW ISSUE		

SPECIFICATION CONTROL DRAWING





WORK ORDER

NOTES

1) D6010-XXX CROSSTUBE LENGTH

GONTROLLED COPY

WHERE XXX IS LENGTH IN INCHES EG. 115" LONG TUBE: D6010-115

2) MATERIAL: 2.250 OD x 0.320 WALL 7075-T6/T6511 (WW-T-700/7 OR QQ-A-225/9 OR QQ-A-200/11) SEAMLESS ALUMINUM TUBE. MINIMUM ULTIMATE TENSILE STRENGTH = 77 ksi

MINIMUM YIELD TENSILE STRENGTH = 66 ksi

3) TOLERANCES ARE PER ASTM B210 AS FOLLOWS:

O.D.: ± 0.006 MEAN (±0.012 INCLUDING OVALITY)

WALL: ±0.015 MEAN (±0.032 INCLUDING ECCENTRICITY)

LENGTH: XXX + 0.125/-0.000

STRAIGHTNESS: 0.010" DEVIATION / 12" LENGTH

4) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.

5) CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

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Job Costing Report

Dart Aerospace Ltd.

Hawkesbury

Dec 10, 2001 07:39 am

Work Order No : 0015989

: D6010-115 Project Name

Project For : WK15 Work Order Type

Main WO Number

House Part Number : D6010-115 Description : Crosstube Material

Manufactured : Yes

Amount Req'd:

20 Amount Done :

Start Date

Est Finish Date : 04-05-02

Act Finish Date : Drawings Reqd : No Act Finish Date Ok for Approval :

Approval Rec'd :

Department Code:

Burden Flags : NNNNNNN WO Status : Open

Invoice State : Not Invoiced

Invoice Date :

Invoice Number :

Invoice Amount : 0.00

Order Entry No :

OE Value : 0.00

Est Margin : 0.000% Actual Margin : 0.000%

\$0 Posted to Finished Goods

		Es	timated	Actual	Var. %	Posted	To Post
Material Cost	:		0.00	0.00	0.00	0.00	0.00
Engineering Hours	:		0.00	0.00	0.00		
Engineering Cost	:		0.00	0.00	0.00	0.00	0.00
Production Hours	:		0.00	0.00	0.00		
Production Cost	:		0.00	0.00	0.00	0.00	0.00
Packaging Hours	:		0.00	0.00	0.00		
Packaging Cost	:		0.00	0.00	0.00	0.00	0.00
OverHead Hours	:	i	0.00	0.00	0.00		
OverHead Cost	:		0.00	0.00	0.00	0.00	0.00
CNC Hours	:		0.00	0.00	0.00		
CNC	:	,	0.00	0.00	0.00	0.00	0.00
Misc. Hours	:	•	0.00	0.00	0.00		
Misc.	:		0.00	0.00	0.00	0.00	0.00
		===:	=====	, =========	======		
Burden	:	ð.	.0.00	0.00	0.00		
M-4-1 G		===	=====	/ =======	======		
Total Cost	:		0.00	0.00	0.00		
Margin	:		0.000	0.000			
Selling Cost	:		0.00	0.00			

Estimated Actual Labour Hrs/Amount Done : 0.00 0.00 Profits/(Loss) 0.00 0.00

BA TUBES LIMITED

Studley Road, Redditch, Worcester B98 7HN, England Telephone (01527) 484500, Facsimile (01527) 484501



Approved Certificate

BSEN ISO 9002 Registration No. FM 10669 CAA Approved Reference No. DMAA 1218 BAE Approval No. BAE/AG/30275/MAA

Customer Copy No. 94863/1 Other Tests Passed

Customer

DART AEROSPACE LIMITED 1270 ABERDEEN STREET HAWKESBURY ONTARIO CANADA

Your Order No Our Order No

: 2004012 : 81502/2

Packing Note No

: 94083 : 27 Mar 2002

Date Packages

: 1 CASE

Size / Description

K6A IK7

Specification

SEAMLESS DRAWN TUBE 57.150MM O/D 8.130MM W/T 7075 Alloy

7075 T6 WW-T-700/7B

Length - 3235.00 mm

	Nett	Insp.		Tensile	e Test		,				C	hemical A	Analysis	%			Ψ.		Н
No of Pieces	Weight Lbs	Stamp R.A.R.	Lot or Test No.	0.2% Proof Stress KSI	Tensile Strength KSI	% Elongation 2in	Cast No.	Si	Fe	Cu .	Mn	Mg	Сг	Ni	Zn			,	/ Ugm
22	551	23	219036	69.47	80.50	15	2G338	.10	.30	1.40,	.08	2.30	.19		5.59	Ąŧ.			13-
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Remarks

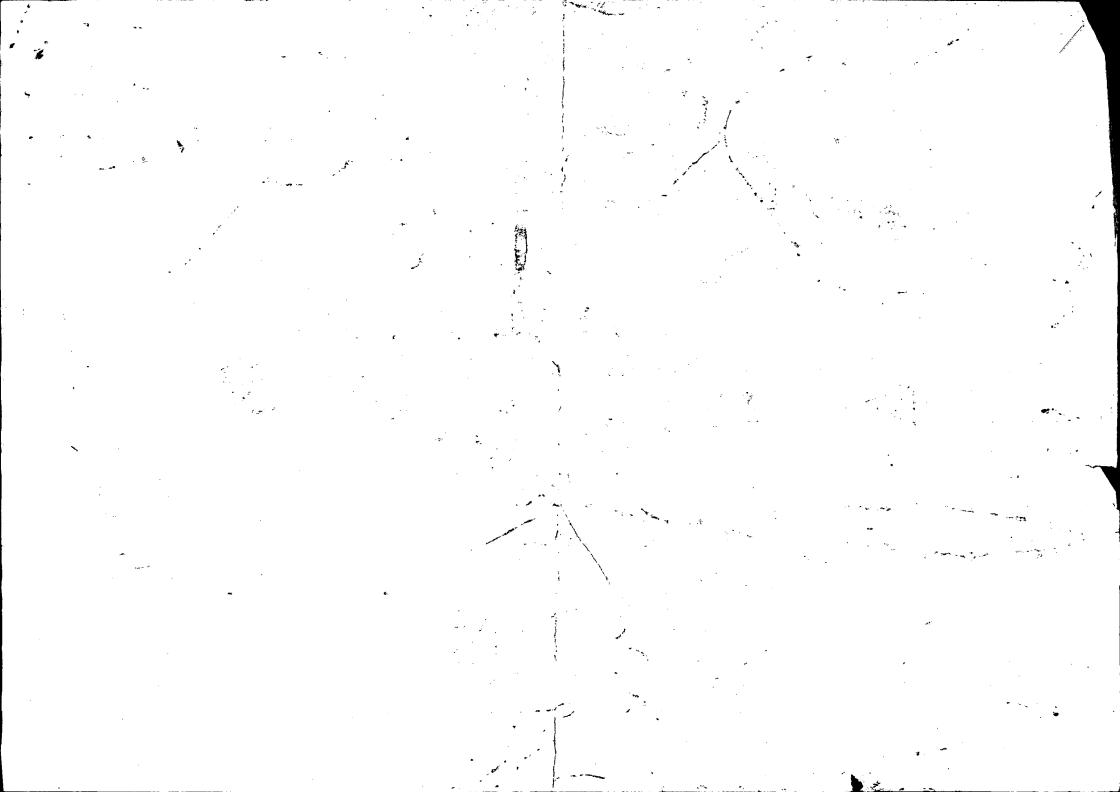
DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY CASE NO. D826

Certified that the whole of the supplies detailed hereon have been inspected, tested and unless otherwise stated, conform in all respects with the requirements of the contract or order. The quality control adopted in respect of these supplies are in accordance with the conditions of our BSEN ISO 9002 registration.

For and on behalf of BA Tubes Limited

Certified that, unless otherwise stated above the whole of the above-mentioned materials have been maufactured, tested and inspected in accordance with the terms of the contract order? acceptable thereto and conform fully to the standard/specifications quoted hereon and the requirements of the Civil Aviation Authority

For and on behalf of BA Tubes Limited



DART AEROSPACE LTD	Work Order:	18980
Description: Remark per NR 656	Part Number:	D6010-115 (7)
		D6011-115 (1)
Dwg:	Qty:	D6007-196 (i)
		Page 1 of 1

Step	Location	Procedure	Ву	Date	Qty
1	DC	Issue Traveller	""		- City
•)			Ì
2	FINISHING	REMOVE THE FOLLOWING PATITS FROM QUARANTINE:	12		
		(7) D6010-115 R15989*	100	3.03.31	9
3		717 Diso11 - 116 BIS990#			
		(1) DECOT - 106 BIS 998*	<u> </u>		ļ
4		* NOTE PARTS MUL BE ASSIGNED A NEW BIN. PLEASE			
5		REFER TO THESE BIN FOR RETEIPT OF ORDER			
6					
7	FINISHING	ACID ETCH + ALGRINE INSPE & DUBSIDE PER QSI DOS 4.1	2	03.0-1.01	4
8	FINISHING	IDENTIFY WITH PIN & NEW BIN. & STOCK ATTACH NOR BSG TAB WHICH SAYS THE POLICE INC.	B	03.44.10	9
. 9		" SEE MR 6S6.	100		
10		ULTRASONIC INSPECT APAR I MONING.			
		TALK TO DAMO SHEPHERO BEFORE			
11		MACHI MNG H			
12	Ac	COST PART 124.23			
1		AGJUST INVENTORY AS REQUIRED	Sac	03.04-11	
13					
14	DC	CLOSE WO	11		
		INSPECT LEVEL 21	B	03.04.11	
15					
16			-		
17					
18					
19		7			
20		·			

Rev	Date	Change	Revis#d By Approved	\neg
Α		New issue	-11-03 03 28	